

LVW-5045 HDD+DVD Recorder Specification (For EU model only)

Media types supported:

Media types	Playback	Recording
DVD+R/RW	●	● (DVD+VR)
DVD-R/RW	●	● (DVD+VR)
CD-R/RW	●	● (VCD/SVCD/CD-DA)
Hard Disk Drive	●	● (DVD+VR)
DVD-Video	●	○
SVCD/VCD	●	○
Audio CD	●	○
VOB/MPG/DAT	●	○
MP3/WMA/WAV	●	○
JPEG/BMP	●	○

(*DVD+VR mode is compatible with DVD-Video in most cases)

Recordable media:

Hard Disk Drive (Built-in 160GB)

DVD+R / DVD+RW

DVD-R / DVD-RW

CD-R / CD-RW

Video recording format

MPEG 2 : DVD+VR (HQ/SP/LP/EP mode) , SVCD

MPEG 1 : DVD+VR (SLP mode) , VCD

Audio recording format

DVD+VR (HQ/SP/LP/EP/SLP mode) : Dolby Digital 2-channel

VCD/SVCD : MPEG1 Layer 2

CD-DA : PCM

Recording time

Media	Mode	Rec. time	NTSC	PAL
DVD Disc (4.7GB)	HQ	1 hour	720 x 480	720 x 576
	SP	2 hours	720 x 480	720 x 576
	LP	3 hours	352 x 480	352 x 576
	EP	4 hours	352 x 480	352 x 576
	SLP	6 hours	352 x 240	352 x 288
	Just Fit	Variable	Variable	Variable
CD Disc (700MB)	SVCD	34 mins	480 x 480	480 x 576
	VCD	68 mins	352 x 240	352 x 288
	Audio CD	66 mins	---	---
HDD (160GB)	HQ	33 hours	720 x 480	720 x 576
	SP	66 hours	720 x 480	720 x 576
	LP	99 hours	352 x 480	352 x 576
	EP	132 hours	352 x 480	352 x 576
	SLP	198 hours	352 x 240	352 x 288

Video performance

DA Converter	10-bit / 54MHz
Composite Output	1 Vpp 75 Ohm
Components Output	Y : 1 Vpp 75 Ohm P _b : 0.7 Vpp 75 Ohm P _r : 0.7 Vpp 75 Ohm

Audio format supported-Playback

Anoalog output	2-channel
Digital output	Optical / Coaxial
Format supported	LPCM Dolby Digital dts (only digital out) MPEG

Audio performance

DA Converter	24-bit / 96KHz
AD Converter	24-bit / 96KHz
Signal-Noise (1kHz)	≥ 90dB
Dynamic Range (1kHz)	≥ 80dB
Cannel Separation (1kHz)	≥ 110dB
Total Harmonic Distortion (1kHz)	≤ -65dB

Tuner

TV format	PAL-B/G, PAL-D/K, PAL-I/I, or SECAM-L/L
TV sound	Main (Stereo/Mono) SAP

Front connections

Video input	Cinch (yellow)
Audio L/R input	Cinch (white/red)
DV input	IEEE-1394 4-pin

Rear connections

Video output	Cinch (yellow)
Audio L/R output	Cinch (white/red)
Component video output	Cinch (green/blue/red)
/Progressive scan output	576p output
SCART out	CVBS/S-Video/RGB out
SCART in	CVBS/RGB in , Decoder

Digital audio output	Coaxial Optical
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Recording functions

One touch record (OTR) (30minutes interval)
Automatically/Manually insert chapter
Title editing (Rename,Erase,Protect,Overwrite,Split,Merge)
Chapter editing (Insert,Remove,Hide,Show)
Channel editing (Move up/down,Insert,Swap,Decoder on/off)
Set Thumbnail
Easy Guider 2
Time Shift
High speed copy from HDD to DVD
DV control

Timer Recording functions

Number of programs	16 programs
Record control	VPS / PDC
Timer programming	Manual or ShowView

DVD/CD Playback

Fast forward/Reverse (2x , 4x , 8x , 16x)
Slow motion (1/2x , 1/4x , -1/2x , -1/4x)
Zoom (1x , 2x , 4x)
Step forward
Next / Previous (Title / Chapter / Track)
A-B repeat
Repeat
Time search

VOB/MPG/DAT Playback

Fast forward/Reverse (2x , 4x , 8x , 16x)
Slow motion (1/2x , 1/4x , -1/2x , -1/4x)

MP3/WMA/WAV Playback

Time display
Album and track selection

JPEG/BMP Playback

Slide show
Rotate
Album and picture selection

General

PowerSupply	AC 220-240V 50 Hz
PowerConsumption	Operation :Approx. 50 W
Operating Temperature	+5°C to +40°C (+36°F to +104°F)
Operating Humidity	5% to 80% RH
Dimensions(W/H/D):	430 x 66 x 316 mm
Net Weight:	Approx. 4.5 kg

Notes:

The specifications and design of this product are subject to change without notice.

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